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# Rice Situation

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Economics, Statistics,  
and Cooperatives Service

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Agriculture

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TABLE 1.--ROUGH RICE AND MILLED RICE (ROUGH EQUIVALENT): MARKETING YEAR SUPPLY, DISAPPEARANCE, AREA AND PRICES, 1973-78 1/\*

1/ CONSOLIDATED SUPPLY AND DISAPPEARANCE OF ROUGH AND MILLED RICE. CONVERTED MILLED RICE DATA TO A ROUGH RICE BASIS USING ANNUALLY DERIVED EXTRACTION RATES AS FACTORS. 2/ RESULTS FROM LOSSES IN STORAGE AND HANDLING AND ERRORS IN ESTIMATION. 3/ LESS THAN 50,000 CWT. 4/ PRELIMINARY. 5/ PROJECTED. \*TOTALS MAY NOT ADD DUE TO INDEPENDENT ROUNDING.

# THE RICE SITUATION

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Approved by the  
World Food and Agricultural  
Outlook and Situation Board  
and Summary released  
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Principal Contributors:  
Thomas E. Elam (202) 447-8636  
Allen G. Schienbein (202) 447-4997  
William F. Hall (202) 447-4997

Commodity Economics Division  
Economics, Statistics, and Cooperatives Service

U.S. Department of Agriculture  
Washington, D.C. 20250

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The *Rice Situation* will be published early 1979.

## SUMMARY

### Record Rice Supplies Keep Pressure on Prices

The rice outlook for 1978/79 features a record U.S. and world crop, continued strong exports, and declining prices. Record world production reflects larger crops in major producing nations and countries which are important import markets for U.S. rice.

Responding to strong price levels last spring, U.S. rice producers expanded 1978 plantings by a third. The result was a record 1978 crop of 137 million cwt., 38 percent larger than last year's outturn. Acreage was up in all producing States, with higher yields expected in all but California.

Beginning U.S. 1978/79 stocks were down a third from the record 40 million cwt. of a year ago. Nearly half were stocks held by the Commodity Credit Corporation (CCC). Despite reduced carryin stocks, the larger harvest will be offsetting, and total 1978/79 rice supplies will reach a new high of 160-170 million cwt.

Domestic use in 1978/79 is likely to rise modestly in line with upward consumption trends of past years. The larger world crop suggests stronger competition for U.S. exports this year, which may be moderately below the record 1977/78 volume. Nevertheless, early season commercial export commitments are running about 30 percent above the high level of a year ago. The 1978/79 P.L. 480 shipments also are projected to increase about a fifth above last year. Even with an increase in 1978/79 disappearance, year-ending stocks may nearly double the 27 million cwt. of this summer.

A record-setting export pace during 1977/78 pushed farm prices for rice up 40 percent from their harvesttime low. However, as prospects for a bumper 1978 crop became apparent, rough rice prices eased downward from highs last winter above \$11 per cwt. Farm prices for early new crop marketings were about \$1 per cwt. above a year earlier. But record supplies and little prospect for expanded demand suggest season average farm prices for 1978/79 in a range of \$6.50 to \$7.50 per cwt., down from \$9.43 in 1977/78.

The recent announcement permitting eligible 1978 rice immediate entry into the farmer-owned reserve program gives producers an added marketing alternative that could help bolster sagging prices. However, if farm prices average

below \$8.53 the first five months (August-December 1978), deficiency payments would be due to growers on production from their 1978 rice acreage allotments.

## OUTLOOK FOR 1978/79

### Rice Crop Sets New Record

As of September 1, the 1978 rice crop was estimated at a record 137 million cwt., a hefty 38 percent larger than last year's outturn and 7 percent above 1975's record crop (table 1). The California rice crop remains to be harvested but the September forecast is a good indication of final production, with chances 2 out of 3 that the 1978 crop may range between 132 and 142 million cwt.

Responding to strong rice prices last spring, producers expanded plantings more than a third above 1977's, to a record 3.0 million acres. With no restrictions on 1978 rice plantings, acreage is up in all States, with Arkansas growers seeding a record high of nearly 1.2 million acres. California's acreage is slightly below the record 530,000 acres of 1975.

Total long-grain rice plantings this year were about a third above 1977. Arkansas growers increased their long-grain acreage by 43 percent,

while Texas plantings were up only 8 percent. Total medium-grain plantings were up over a third. Louisiana continued to be the leading producer, with acreage up 18 percent from a year ago. Recovering from the short water supplies in 1977, California growers more than doubled medium-grain plantings to a more normal level. Additionally, California, the leading short-grain rice producer, increased short-grain acreage to a record 220,000 acres.

Except for delayed planting in California caused by heavy spring rains, the 1978 rice crop was planted under good conditions. Generally, crop development has outpaced both last year's and the normal rate. Average U.S. yield this year may run about 100 pounds per acre above last year's 4,412 pounds. All States except California expect higher yields.

Harvesting of the main crop is near completion in Texas and Louisiana and underway in Arkansas and Mississippi. The California harvest moved into full swing in late September.

### Beginning Stocks Down But Supplies Record Large

Reflecting the smaller 1977 rice crop and increased export disappearance in 1977/78, August 1 carryover stocks were 27.4 million cwt. rough equivalent, a third below last year's record high. Both milled and rough rice stocks declined sharply. The largest drop came in rough rice, which totaled 21 million cwt., compared with 33 million a year ago. Milled stocks decreased only 809,000 cwt. as export and domestic activity slowed

#### Rice production

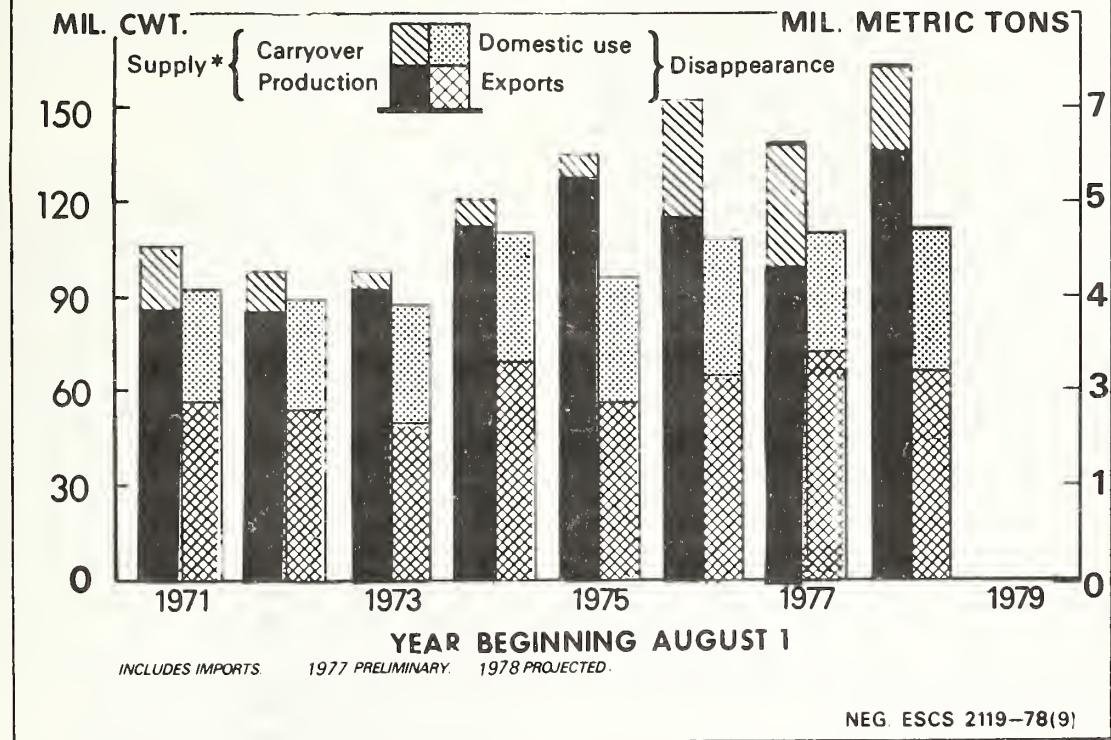
State	1975	1976	1977 <sup>1</sup>	1978 <sup>2</sup>
Million cwt.				
Arkansas .....	40.8	40.4	35.4	51.5
California .....	30.2	22.0	17.9	28.7
Louisiana .....	25.0	22.2	17.5	21.6
Mississippi .....	6.6	6.0	4.4	9.1
Missouri .....	.8	.6	.6	1.0
Texas .....	25.0	24.4	23.4	25.3
U.S. total .....	128.4	115.6	99.2	137.2

<sup>1</sup> Preliminary. <sup>2</sup> Indicated as of September 1.

#### Planted acreage by State, 1976-78

State	1976				1977				1978			
	Long	Medium	Short	Total	Long	Medium	Short	Total	Long	Medium	Short	Total
1,000 acres												
Arkansas .....	698	132	20	850	692	129	19	840	990	170	20	1,180
California .....	—	265	135	400	—	141	169	310	—	290	220	510
Louisiana .....	208	362	—	570	176	304	—	480	225	360	—	585
Mississippi .....	144	1	—	145	110	2	—	112	198	2	—	200
Missouri .....	9	5	—	14	14	3	—	17	21	4	—	25
Texas .....	477	33	—	510	481	21	—	502	520	20	—	540
U.S. total .....	1,536	798	155	2,489	1,473	600	188	2,261	1,954	846	240	3,040

## ROUGH RICE SUPPLY AND DISAPPEARANCE



toward the end of the 1977/78 marketing year. Medium-grain rough rice stocks were nearly half of last August's level, reflecting the sizable drop in the 1977 harvest. Short-grain stocks dipped about a quarter in response to the reduced 1977 California crop.

At the beginning of the 1977/78 crop year, the Commodity Credit Corporation (CCC) owned about 18 million cwt. of rice or 40 percent of total stocks. As rice prices rose in 1977/78, CCC stocks became eligible for resale and 6 million cwt. of the Government rice were sold. A small amount was exported under Title II of P.L. 480, leaving about 11 million

CCC Stocks by Class and State as of August 1, 1978

State	Long	Medium	Short	Total <sup>1</sup>
1,000 cwt.				
Arkansas .....	698	150	—	848
Louisiana .....	273	1,521	—	1,794
Mississippi .....	84	91	—	175
Missouri .....	3	—	—	3
California .....	—	2,887	360	3,247
Texas .....	2,523	2,182	—	4,705
U.S. total <sup>2</sup> .....	3,580	6,832	360	10,772

<sup>1</sup> Preliminary. <sup>2</sup> Totals may not add due to rounding.

Source: ASCS.

Rice carryover by class August 1, 1977 and 1978

Class	Rough		Milled <sup>1</sup>		Total	
	1977	1978	1977	1978	1977	1978
Million cwt.						
Long .....	12.9	9.6	3.2	3.0	16.1	12.6
Medium .....	17.5	9.3	3.3	1.7	20.8	11.0
Short .....	2.9	2.2	.7	1.6	3.6	3.8
Total .....	33.3	21.1	7.2	6.3	40.5	27.4

<sup>1</sup> Rough equivalent.

cwt. of August 1 carryover stocks owned by CCC. Also during the year, nearly 20 million cwt. of 1977-crop rice were placed under loan but all was redeemed by yearend.

Despite reduced stocks, the bumper harvest will increase total 1978/79 supplies to a new high of nearly 165 million cwt. This supply level, coupled with disappearance about equal to last year's, will lead to increased end-of-the-year stocks and lower season average prices for 1978/79.

## Domestic Use

A moderate increase of rice for food use was expected in 1977/78 based on a long-term uptrend in domestic consumption. During August-December 1977, the domestic food usage was as expected. However, as the season progressed, apparent food use began to lag. By marketing yearend, preliminary 1977/78 domestic food disappearance data showed a decline of 4.4 million cwt. or 21 percent from the 1976/77 level. Although the retail price of rice was on the upswing since January 1978, a short-term sharp drop in consumption would not be expected since rice use is not very responsive to price changes.

Preliminary data show that 1977/78 milled rice production was down a hefty 6 million cwt., while the increase in exports during the year was nearly matched by a draw-down in milled stocks. There were small reductions in military purchases, shipments to territories and brewers' use. Thus, the bulk of the production drop implies a drop in estimated civilian food use because food use is a residual calculation based on beginning milled rice stocks plus milled production less exports, brewers' use, and ending stock levels. Any discrepancies in these reported data would be reflected in the residual estimate of food use.

A decrease this large in the 1977/78 domestic consumption is inconsistent with past trends and data from the trade. Thus, it is likely that estimated 1977/78 domestic rice consumption may be in error due to problems in one or more of the supply disappearance items used to construct the milled-rice balance sheet (table 3).

Brewers' use in 1977/78 showed a small decline. The growth rate in production of major brewers using rice may have slowed and by mid-season, brewers rice prices nearly doubled to the highest

level since 1974/75. Supplies were very tight by yearend.

Lower prices and ample supplies in 1978/79 should encourage domestic rice consumption to a more normal growth rate of about 2 percent per year.

## Rice Exports Look Strong Again

Despite the prospects for another record world rice crop, lower prices may support another strong year for exports in 1978/79. Last year's exports totaled 72.8 million cwt. (rough equivalent), an all-time record. Principal destinations continued to be the European Community (EC), Indonesia, Iran, and a number of West African countries. Consequent to a 1977 rice crop shortfall, Italy bought about 180,000 tons of rough rice for domestic milling and resale to EC and third country markets. The bulk of increased U.S. exports were commercial sales. Rice exports under P.L. 480 got off to a slow start in 1977/78, accounting for about 17.5 million cwt., down about a fifth from 1976/77.

Although rice exports may not match last year's record shipments, the total for 1978/79 may be only modestly lower. Increased shipments to Iran, and several Middle Eastern and West African countries are expected to offset an anticipated reduction to Indonesia.

Rice sales so far this year are about 30 percent above the same high level of a year ago. As of early September, nearly 850,000 metric tons (milled) were committed for 1978/79 shipment. Saudi Arabia, Iran, Nigeria, and the European Community were substantial early purchasers of U.S. rice.

Rice shipments under the 1978/79 P.L. 480 program are projected to increase to about 685,000 metric tons, some 20 percent above a year ago. Destinations of exports under government programs will likely maintain the pattern of last year, with shipments to Indonesia accounting for the largest portion.

## Rice Prices Ease With Record Crop

Farm prices began the 1977/78 marketing year at around \$8 per cwt., well above year-earlier levels. Strong export sales and a reduced supply strengthened prices further to around \$11 per cwt. by December. They remained fairly steady at that level through April. But with record plantings and prospects for a much larger crop, prices began to decline late in the season. By August, prices received by farmers averaged \$9.05 per cwt., about \$1 per cwt. above a year earlier.

Record rice supplies and prospects for little change in 1978/79 disappearance from last season suggest the average farm price for the 1978/79 sea-

U.S. Milled rice exports to leading countries, August-July 1977/78 with comparisons

Country	1975/76	1976/77	1977/78 Preliminary
1,000 metric tons			
Korea, Republic of . . . . .	200	84	( <sup>1</sup> )
Iran . . . . .	163	458	344
Bangladesh . . . . .	249	23	83
Iraq . . . . .	81	37	90
Saudi Arabia . . . . .	132	72	170
Canada . . . . .	79	78	78
South Africa, Rep. of . . . . .	96	97	69
EC-9 . . . . .	248	206	156
Indonesia . . . . .	42	412	477
Nigeria . . . . .	16	131	172

<sup>1</sup> Less than 500 metric tons.

Source: California Rice Market News.

Rough rice: Average weekly prices received by farmers in Louisiana, 1977 and 1978

Week ending	Long grain		Medium grain	
	1977	1978	1977	1978
Dollars per hundredweight				
August 11 .....	7.95	8.08	8.02	7.99
18 .....	8.37	7.56	8.02	7.81
25 .....	8.19	7.68	8.09	7.63
September 1 .....	8.34	7.65	8.15	7.76
8 .....	8.20	8.00	8.01	7.50
15 .....	8.44	7.62	8.11	7.29

Source: Rice Market News Service, AMS, Baton Rouge, La.

son may range from \$6.50 to \$7.50 per cwt., down from last season's \$9.43. The lower early season prices also suggest that the national weighted average price during the first five months of the marketing year (August-December) may be below the target price of \$8.53 per cwt. If so, deficiency payments would be due to 1978 rice growers with allotments. Only the production from the 1.8 million acres designated as the national acreage

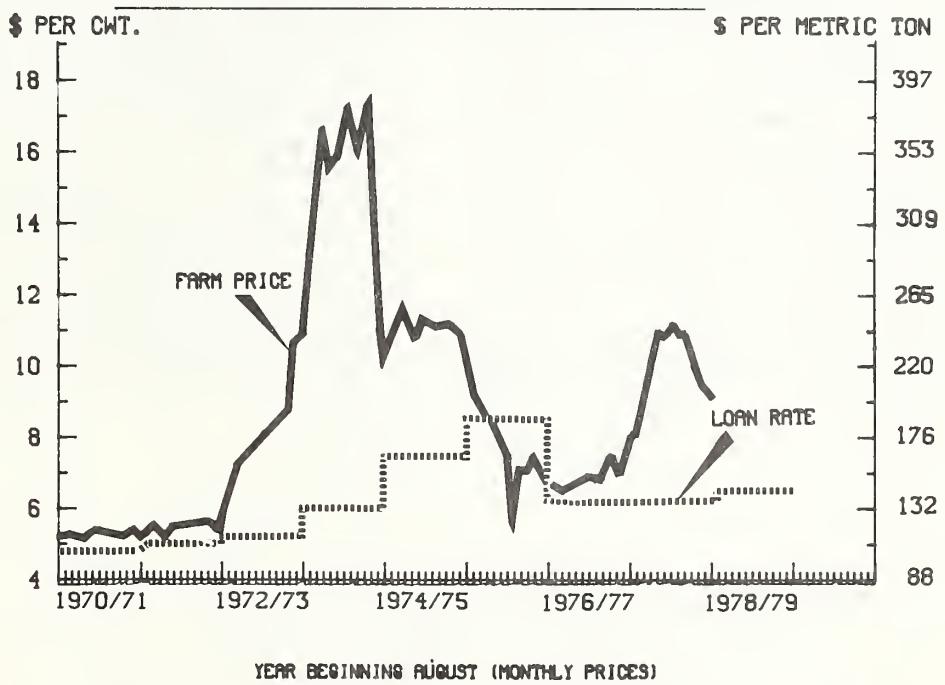
allotment is eligible for all Government rice program benefits, including deficiency payments. Producer participation in the loan program and early movement of rice into the farmer-owned reserve program will offer support to prices.

### Retail Prices Up

The pressure of higher rice prices at the farm in 1977/78 boosted the retail price of a 1-pound bag of rice to the highest since 1974. In April-June, U.S. long-grain retail prices averaged around 47 cents per pound, nearly 20 percent above a year ago. During the same period, the net farm value rose substantially from the 1977 level with the farmer's share representing about 30 percent of the retail rice price, the highest in 3 years.

NOTE - The Bureau of Labor Statistics (BLS) has been the source of average retail rice prices quoted in the *Rice Situation*. Recent changes in the BLS's Consumer Price Index data collection system have affected reporting of individual food product prices. Rice prices are currently placed in a broader category which includes pasta products

## ROUGH RICE FARM PRICES AND LOAN RATES



USDA

NEG. ESCS 408-78(9)

Rice, long grain: Retail price, farm value and farmer's share of retail price, by quarters, 1967-78

Year	Retail Price				Net Farm values <sup>1</sup>				Farm-retail spread				Farmer's share			
	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Oct.-Dec.
	Cents per lb.				Cents per lb.				Cents per lb.				Percent			
1967 .....	21.8	21.9	21.9	22.0	7.5	7.5	7.0	7.4	14.3	14.4	14.9	14.6	34	34	32	34
1968 .....	22.0	22.1	22.1	22.1	7.7	7.8	7.4	7.3	14.3	14.3	14.7	14.8	35	35	33	33
1969 .....	22.3	22.4	22.5	22.6	6.9	7.0	6.7	7.2	15.4	15.4	15.8	15.4	31	31	30	32
1970 .....	22.9	23.2	23.1	23.3	7.2	7.3	7.2	7.4	15.7	15.9	15.9	15.9	31	31	31	32
1971 .....	23.6	23.8	24.0	24.0	7.8	7.7	7.7	7.7	15.8	16.1	16.3	16.3	33	32	32	32
1972 .....	24.1	24.0	23.9	24.0	8.1	8.0	8.2	10.6	16.0	16.0	15.7	13.4	34	33	34	44
1973 .....	25.2	26.7	28.2	42.9	11.6	12.3	15.1	22.7	13.6	14.4	13.1	20.2	46	46	54	53
1974 .....	51.5	53.2	52.8	49.0	24.2	22.3	16.9	15.4	27.3	30.9	35.9	33.6	47	42	32	31
1975 .....	47.4	47.4	47.4	46.1	16.1	16.1	14.5	12.5	31.3	31.3	32.9	33.6	34	34	31	27
1976 .....	44.7	43.9	43.0	41.1	10.5	10.2	10.0	9.4	34.2	33.7	33.0	31.7	23	23	23	23
1977 .....	40.1	39.5	39.8	40.5	9.9	10.4	11.0	14.6	30.2	29.1	28.8	25.9	25	26	28	36
1978 .....	45.2	47.3			15.9	14.8			29.3	32.5			35	31		

<sup>1</sup> Payments to farmers for equivalent quantities of rough rice (gross farm value) minus imputed value of by-products obtained in processing.

Source: National Economic Analysis Division, ESCS.

and corn meal. At this time the loss of retail rice price data precludes further publication and evaluation of rice marketing spreads. If individual retail price data on rice become available again, reporting of marketing spreads will be resumed.

### 1979 Program Prospects

USDA's authority to formulate a rice program is defined in Title VII of the Food and Agriculture Act of 1977. Under this authority, the target price, loan rate, set-aside and land diversion program may be established annually. While a specific program announcement date is not mandated in the Act, a tentative schedule for developing and announcing the 1979 rice program is:

- USDA program proposals will be announced in the *Federal Register*—probably sometime after the 1978 crop is harvested.
- Time will be allowed for public comments.
- USDA will evaluate proposals and develop final program criteria.
- Program provisions and a preliminary target price and loan rate will likely be announced in early January.

The opening of a farmer-owned reserves program for the 1978 rice crop was announced on September 20. The reserve program will provide producers with another marketing alternative which could isolate excess rice stocks from the marketplace while prices are at low levels. Features of the program are:

- Producers holding rice allotments can immediately place their eligible 1978 crop in the 3-year-farmer-owned reserve program.
- A producer will receive a prepaid annual storage payment of 85 cents per cwt.
- Loan interest is charged during the first year in the reserves and waived thereafter.
- The reserve will be limited to a ceiling of 8 million cwt.
- When the national average farm price for rice reaches 140 percent of the current average loan rate (\$8.96 per cwt.), the rice can be released from the reserve.
- When the average farm price is 160 percent of the loan rate (\$10.24), the producer must repay the reserve loan or forfeit the rice to CCC.

## WORLD RICE SITUATION<sup>1</sup>

### A Record World 1978/79

#### Rice Harvest Expected

The 1978/79 world rice crop is projected at a record level of 375 million metric tons.<sup>2</sup> In general, timely rainfall resulted in larger rice crops in the People's Republic of China (PRC), India, Indonesia, and Thailand. More than two-thirds of the world's rice is produced in these countries. However, Japan, Burma, Egypt, Peru, Ecuador, and Pakistan will likely harvest smaller crops in 1978/79.

Ending world rice stocks for 1978/79 are expected to increase to a record 24.2 million tons,

up 15 percent from last year. A doubling of the U.S. stock level and a buildup in other world rice stocks combined with an expected reduced level of trade will exert considerable downward pressure on world rice prices.<sup>3</sup>

The probable volume of world rice trade for calendar year 1979 is expected to be around 9 million metric tons, slightly under 1978 and 10 percent less than the record 9.9 million tons for 1977. Increased demand in selected countries of the Middle East and Africa will be more than offset by a drop in Indonesia's import requirements.

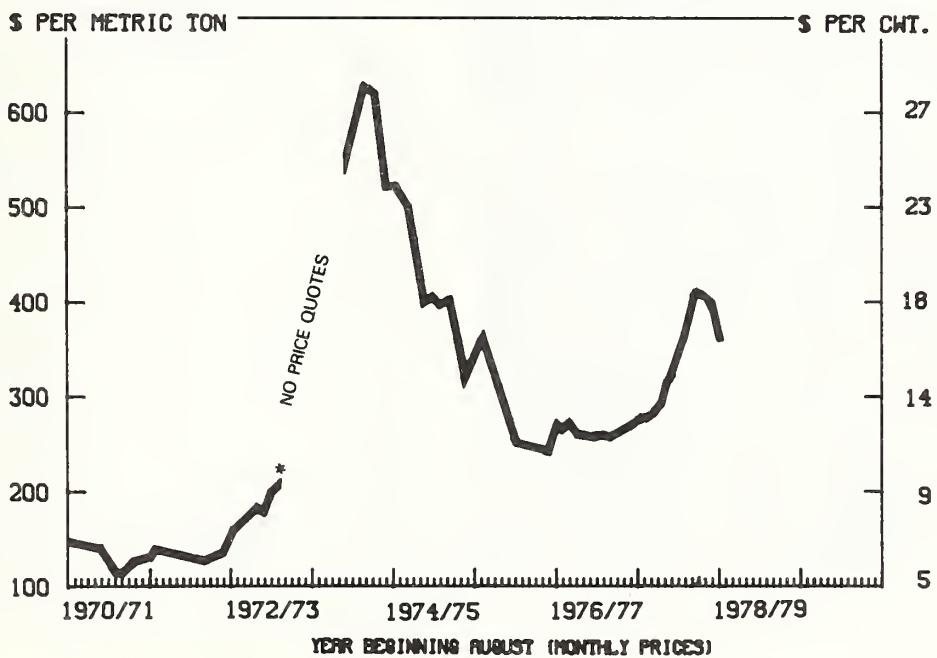
World 1978/79 rice consumption is projected at a record 250 million tons, up almost 3 percent from last year and slightly less than this year's projected production.

<sup>1</sup>Based on FAS, *World Grain Situation and Outlook for 1978/79*, September 26, 1978.

<sup>2</sup>Production is reported as rough rice but stocks and trade are milled amounts. 1978/79 rice production represents the crops harvested in the last half of 1978 and early 1979 in the Northern Hemisphere, and the crop harvested early in 1979 in the Southern Hemisphere. Trade is on a calendar-year basis.

<sup>3</sup>Stocks data are based on an aggregate of differing local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as Burma and PRC.

### MILLED RICE: EXPORT PRICES AT THAILAND, WHITE 5% BROKENS, F.O.B. BANGKOK



USDA

NEG. ESCS 91-A-78(9)

## Situation in Major Countries

The PRC's 1978 early rice crop was under hot-weather stress for a time in July, but damage is thought to be minimal. Chinese reports expressed concern about the possible effects of that weather on both yield and quality. But the above-normal temperatures hastened the maturity of some crops, particularly early rice. This places both the harvest of the early rice crop and the transplanting of the late rice, which is double cropped, back on a more normal time schedule than appeared possible earlier. Prospects of adverse effects from a delayed fall harvest were also lessened. The 1978 crop is projected at a record 130 million tons, up 3 percent over last year.

India's 1978 rice harvest is projected at 80.3 million tons, up 2 percent over last year. With another record harvest and only a modest 5-percent gain in domestic consumption, 1978/79 ending stocks are estimated to increase 19 percent to an estimated 9.5 million tons. Excellent weather, the expanded use of fertilizer, the increased use of high yielding varieties, and more rice production in non-traditional rice-producing states have contributed to the record output.

Indonesia's 1978 harvest is projected at a record 25.3 million tons, up 11 percent over last year. Excellent main-season harvests (February-July) were made in East, Central, and West Java, regions which normally account for about 60 percent of the combined main and secondary season harvests. An excellent secondary (June-August) crop is expected in East and Central Java, and a good to very good second harvest is expected in West Java. As a result of these favorable crop developments, Indonesia (the world's largest rice importer) is anticipating a possible 40-percent decline in 1979 imports.

Bangladesh's 1978 rice crop is expected to total 19.5 million tons, down marginally from last year. This year's secondary crop, harvested in April and May, was larger than last year's even with flood and brown plant-hopper damage. So far this year, prospects for the main harvest (November-December) appear above normal.

Thailand's 1978 rice crop is projected at 15.5 million tons, up 3 percent over last year but 2 percent below the 1976 record harvest. Plantings of the 1978/79 main rice crop were completed in mid-August. Favorable weather conditions with the normal monsoon will probably permit Thailand to produce an above-average crop this year, enhancing available export stocks for the coming year.

Japan, faced with unusually large stocks of 5.3 million tons, will reduce domestic production through a new diversion program. For 1978, rice output is estimated at 14.7 million tons, down 10 percent from last year due to the diversion of 390,000 hectares. However, Japan's rice surplus problem is expected to continue for at least the next two seasons.

Pakistan expects to divert some of its rice-producing area into cotton which is expected to lower 1978/79 production to approximately 4.3 million tons.

Brazil's 1978 rice harvest is projected at 8.4 million tons, up 12 percent over last season's drought-reduced crop. This year's output is expected to increase due to increased plantings of about 4 percent. Brazil's 1978/79 rice exports may be considerably lower than the previous season mostly due to the need to rebuild last year's depleted stocks.

## World Rice Prices Decline

World rice prices have fallen the past four months largely due to the large increase (37 percent) in beginning stocks for 1978/79 and the likelihood of another record world crop. Both Bangkok f.o.b. (30-day shipment) white 5-percent broken and U.S. f.a.s. Gulf, No. 2, 4-percent brown long-grain prices declined sharply between May and August 1978. The relative drop was greater for U.S. grades which were below Thai prices in May.

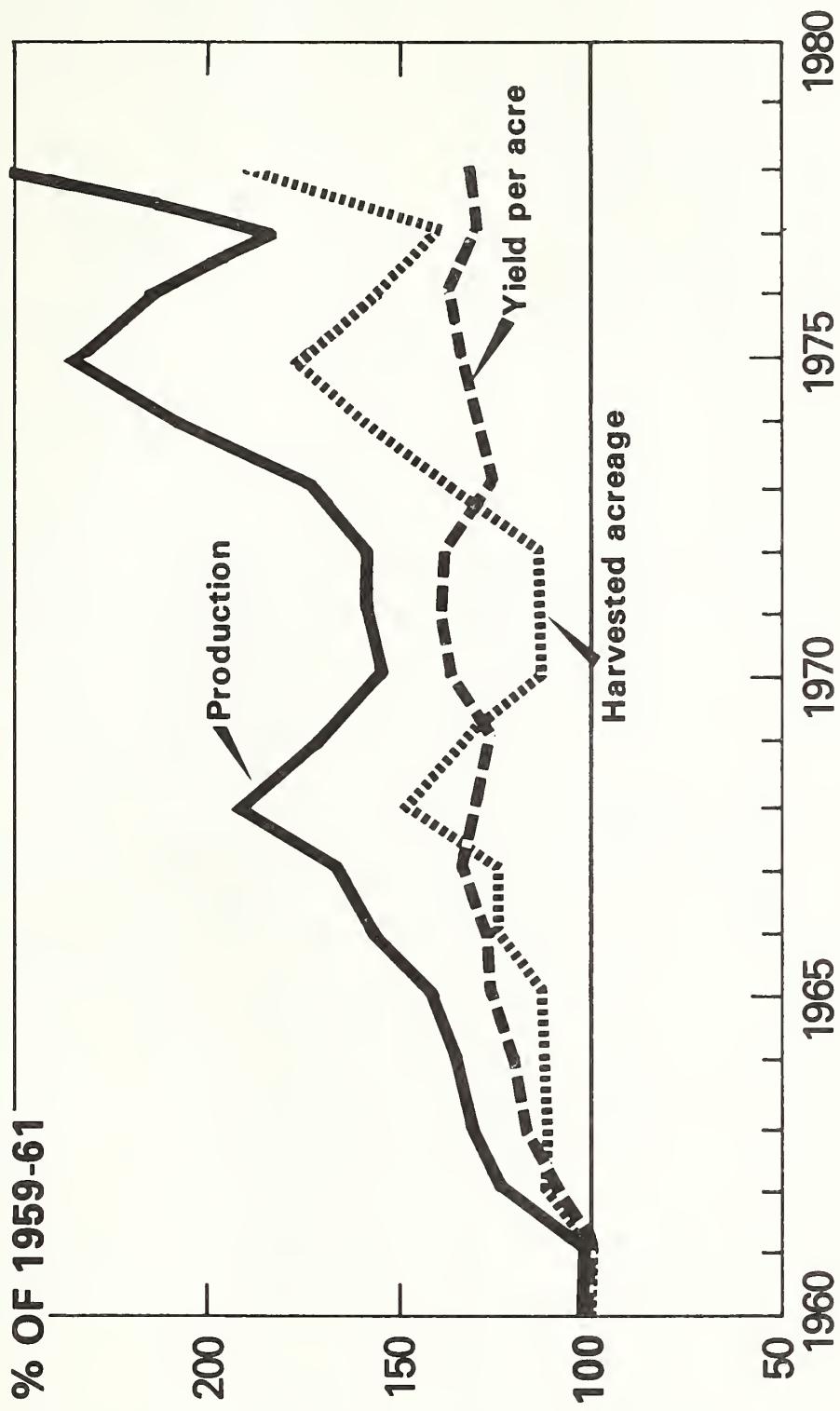
Rice export prices for Thailand and the United States

Year and months	Bangkok, f.o.b. white 5% broken	U.S. No. 2 long grain f.o.b. mill Houston
Dollars per metric ton		
Crop year		
1974/75 .....	423	486
1975/76 .....	287	405
1976/77 .....	260	330
1977/78 .....	347	478
1977		
August .....	275	354
September .....	275	364
1978		
August .....	366	419
September <sup>1</sup> .....	368	364

<sup>1</sup> Three week average.

Note: This table indicates the direction of U.S. and Thailand rice prices since 1974, but should not be taken to imply that the types of rice specified above are of comparable quality.

# RICE ACREAGE, YIELD, AND PRODUCTION\*



\* DOES NOT INCLUDE MINOR STATES.

USDA

NEG. ESCS 483-78(9)

TABLE 2.--ROUGH RICE: MARKETING YEAR SUPPLY AND DISAPPEARANCE, 1973-77 <sup>1/</sup>

YEAR BEGINNING AUG. 1	SUPPLY				DISAPPEARANCE				STATISTICAL DISCREPANCY 2/	ENDING STOCKS JULY 31
	BEGINNING STOCKS	PRODUCTION	IMPORTS	TOTAL	MILL USE	SEED	EXPORTS	TOTAL		
1,000 CWT.										
1973/74	2,939	92,765	---	95,734	85,440	3,679	6	89,055	2,695	3,954
1974/75	3,954	112,386	---	116,340	105,626	4,003	10	109,639	2,651	4,050
1975/76	4,050	128,437	---	132,487	95,818	3,500	10	99,328	1,814	31,345
1976/77	31,345	115,648	---	146,993	105,685	3,200	994	109,879	3,763	33,351
1977/78 <sup>2/</sup>	33,351	99,223	---	132,574	101,219	4,200	4,059	109,478	1,968	21,128

<sup>1/</sup> INCLUDES SUPPLY AND DISAPPEARANCE OF ROUGH RICE ONLY. <sup>2/</sup> RESULTS FROM STORAGE, HANDLING AND PROCESSING LOSSES.  
<sup>3/</sup> PRELIMINARY.

TABLE 3.--MILLED RICE: MARKETING YEAR SUPPLY AND DISAPPEARANCE, 1973-77 <sup>1/</sup>

YEAR BEGINNING AUG. 1	SUPPLY				DISAPPEARANCE				ENDING STOCKS JULY 31	
	BEGINNING STOCKS	PRODUC- TION	IMPORTS	TOTAL	FOOD USE	SHIPMENTS: CIVILIAN	MILITARY TO TERRI- TORIES	BREWERS: EXPORTS TOTAL		
1,000 CWT. -- -- -- --										
1973/74	1,606	61,589	117	63,312	15,891	162	2,736	18,789	35,845	60,509
1974/75	2,803	75,965	23	78,791	16,115	164	4,319	20,598	6,015	76,627
1975/76	2,164	67,440	31	69,635	15,288	151	4,130	19,569	6,391	39,783
1976/77	3,892	76,209	36	80,137	16,217	160	4,597	20,974	7,450	46,557
1977/78 <sup>2/</sup>	5,156	70,176	47	75,379	12,524	122	3,911	16,557	6,826	47,649

<sup>1/</sup> INCLUDES SUPPLY AND DISAPPEARANCE OF MILLED RICE ONLY. <sup>2/</sup> PRELIMINARY.

Table 4.--Rice, rough equivalent: CCC operations and privately held stocks, 1965-77

Crop of-	Placed under price support				At year end July 31				
	Delivered		CCC stocks and loans outstanding		Privately held				
	Direct	to CCC	Total	Stocks	Under loan 2/	Total	("Free")		
	Loans	purchases	Total	carryover	owned by CCC 2/	Total	stocks 3/		
- - - 1,000 cwt. - - -									
1965	9,813	184	9,997	403	8,239	614	7	621	7,618
1966	14,362	5	14,367	119	8,511	140	92	232	8,279
1967	16,352	2	16,354	39	6,784	82	4	86	6,698
1968	23,640	640	24,280	6,320	16,211	6,087	238	6,325	9,886
1969	22,671	1,841	24,512	2,993	16,446	6,407	10	6,417	10,029
1970	20,787	733	21,520	3,528	18,634	9,329	138	9,467	9,167
1971	31,235	107	31,342	1,214	11,434	2,720	27	2,747	8,687
1972	22,926	---	22,926	1	5,139	148	---	148	4,991
1973	19,146	---	19,146	---	7,842	---	---	---	7,842
1974	9,256	---	9,256	---	7,057	---	4	4	7,053
1975 4/	21,477	1,781	23,258	19,187	36,875	19,187	---	19,187	17,688
1976 4/	23,425	608	24,033	8	40,501	18,610	5/111	18,721	21,780
1977 4/	19,541	---	19,541	---	27,401	10,772	---	10,772	16,629
: : : : : : : : : :									

1/ Includes purchase agreements through 1963 marketing year and direct purchases thereafter. 2/ May include small quantities of new-crop rice in last few years. 3/ Derived by subtracting CCC stocks and loans outstanding from total carryover. 4/ Based on operating reports, prior years based on fiscal reports. 5/ Under current loan 64,787 cwt.; under reseal 47,000 cwt.

Table 5.--Rice, rough: Acreage, yield and production, by States, 1977 and 1978

State	Acreage				Yield per harvested acre				Production	
	Planted		Harvested		1977	1978 1/	1977	1978 1/	1977	1978 1/
	1977	1978 1/	1977	1978 1/	1977	1978 1/	1977	1978 1/	1977	1978 1/
	- - - 1,000 acres - - -				- Pounds -				- 1,000 cwt. -	
: : : : : : : : : :										
Arkansas	840.0	1,180.0	837.0	1,170.0	4,230	4,400	35,396	51,480		
California	310.0	510.0	308.0	508.0	5,810	5,650	17,913	28,702		
Louisiana	480.0	585.0	475.0	583.0	3,670	3,700	17,445	21,571		
Mississippi	112.0	200.0	111.0	215.0	4,000	4,250	4,440	9,138		
Missouri	17.0	25.0	17.0	24.0	3,700	4,250	629	1,020		
Texas	502.0	540.0	501.0	539.0	4,670	4,700	23,400	25,333		
Total United States	2,261.0	3,040.0	2,249.0	3,039.0	4,412	4,516	99,223	137,244		

1/ Preliminary.

Table 6.--Rice: Stocks, rough and milled, United States, for selected dates, 1973-78 1/

Year	Rough						Milled					
	On farms	At mills	In warehouses	In ports	Total	At mills	warehouses	In ports	Total	all	all	
	or in farm	and in attached	(not attached)	or in transit	all positions	and in attached	(not attached)	or in transit	all positions	warehouses	to mills)	
- - - 1,000 cwt. - - -												
January 1												
1973	4,714	13,703	30,427	---	48,844	1,787	426	2,086	4,299			
1974	7,729	13,651	30,783	1	52,164	2,650	127	1,117	3,894			
1975	13,608	15,177	39,769	160	68,714	2,959	634	699	4,292			
1976	24,713	14,597	51,736	---	91,046	2,259	1,522	785	4,566			
1977 2/	21,006	16,830	61,263	1,049	100,148	2,971	2b1	1,111	4,343			
1978 2/	8,269	15,930	51,984	899	77,082	2,895	503	3,046	6,444			
April 1												
1973	1,476	9,142	13,638	11	24,267	3,479	52	1,354	4,885			
1974	1,536	10,048	15,113	14	26,711	2,459	12	2,783	5,254			
1975	2,902	10,579	20,823	24	34,328	2,961	22	1,286	4,269			
1976	12,800	11,717	38,697	67	63,281	3,232	245	1,626	5,103			
1977 2/	6,761	15,326	45,266	1,022	68,375	3,161	260	2,265	5,686			
1978 2/	3,157	14,253	34,577	900	52,887	3,718	994	2,857	7,569			
August 1												
1973	94	1,931	914	---	2,939	1,389	21	196	1,606			
1974	77	2,589	1,278	10	3,954	2,258	22	523	2,803			
1975	63	1,455	2,462	70	4,050	1,589	58	517	2,164			
1976	657	5,850	24,829	9	31,345	2,380	271	1,241	3,892			
1977 2/	709	6,718	25,021	903	33,351	3,321	134	1,701	5,156			
1978 2/	586	6,288	13,411	843	21,128	3,118	221	1,008	4,347			

1/ These estimates do not include stocks located in States outside the major producing States of Missouri, Mississippi, Arkansas, Louisiana, Texas, and California.

2/ Preliminary.

Table 7.--Rice, U.S.: Rough milled, total milled production and yields, 1965-77

Year beginning August	Rough milled	Total milled produced 1/	Milling yields	Total heads produced 1/	Milling yields	Pounds		Pounds	
						- - per cwt. - -	- - 1,000 cwt. - -	- - per cwt. - -	- - 1,000 cwt. - -
- - - 1,000 cwt. - - -									
1965	70,594.6	50,377.3	71.36	42,862.2	60.72				
1966	80,209.8	58,381.6	72.79	49,903.2	62.22				
1967	88,115.7	64,079.7	72.72	54,405.5	61.74				
1968	89,086.4	65,240.1	73.23	55,771.2	62.60				
1969	86,544.3	62,349.6	72.04	53,138.3	61.40				
1970	77,325.6	56,870.0	73.55	49,533.4	64.06				
1971	87,924.6	64,148.2	72.96	55,346.8	62.95				
1972	85,389.0	62,325.3	72.99	53,880.3	63.10				
1973	85,439.8	61,588.8	72.08	52,689.8	61.67				
1974	105,626.1	75,965.2	71.92	64,639.9	61.20				
1975	95,818.0	67,440.5	70.38	57,597.6	60.11				
1976	105,685.5	76,208.5	72.11	63,900.4	60.46				
1977 2/	101,218.9	70,175.7	69.33	58,735.6	58.03				

1/ Includes brown rice.

2/ Preliminary.

Based on reports from the Rice Millers Association and San Francisco Rice Market News.

Table 8.--Rice: Value factors for computing support rates,  
and U.S. average loan rate, 1974-78 1/

Group and variety	1974	1975	1976	1977	1978
- - - - <u>Cents per lb.</u> - - - -					
National average loan rate	7.54	8.52	6.19	6.19	6.40
Head rice, whole kernels					
Long	12.64	14.41	10.75	10.90	11.25
Medium	11.89	13.16	9.25	9.40	9.75
Short	11.89	13.16	9.25	9.40	9.75
Broken rice, all classes	6.00	6.30	4.75	4.70	4.65
<u>Premiums and Discounts</u>					
by Grades					
U.S. No. 1	+.05	+.05	+.05	+.05	+.05
2	0	0	0	0	0
3	-.15	-.15	-.15	-.15	-.15
4	-.30	-.30	-.30	-.30	-.30
5	-.50	-.50	-.50	-.50	-.50

1/ The method of computing 1974-78 crop rough rice basic support rates is the same as that used in prior rice programs except that under the new rice standards, rice is classified by size and shape of kernel rather than variety. The basic support rates are applicable to No. 2 rice and will be adjusted by the above premium and discounts for U.S. grades per lbs. A further discount for location, to adjust for transportation costs of moving the rough rice to an area where competitive milling facilities are available will also be made for rice produced in certain areas.

Agricultural Stabilization and Conservation Service.

Table 9.--Rice: Retail prices in leading cities of the United States, August-July 1972-78

Crop Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Simple average													
	- - - Dollars per pound - - -																									
Long grain																										
1972	.24	.24	.24	.24	.24	.25	.25	.26	.26	.27	.27	.28	.25													
1973	.28	.30	.34	.46	.49	.50	.52	.52	.53	.53	.54	.53	.46													
1974	.53	.52	.51	.49	.48	.47	.47	.48	.47	.47	.47	.47	.49													
1975	.47	.47	.46	.46	.46	.45	.45	.44	.44	.44	.44	.44	.45													
1976	.43	.42	.42	.41	.41	.41	.40	.40	.40	.39	.40	.40	.41													
1977	.40	.40	.40	.40	.42	.44	.46	.46	.47	.47	.48	<u>1/</u>	.44													
Short grain																										
1972	.20	.20	.20	.20	.20	.20	.21	.22	.23	.23	.24	.24	.21													
1973	.24	.25	.28	.37	.41	.42	.43	.44	.45	.45	.45	.45	.39													
1974	.44	.45	.44	.42	.42	.41	.42	.41	.41	.41	.41	.40	.42													
1975	.41	.41	.41	.41	.41	.40	.38	.38	.38	.38	.38	.38	.39													
1976	.37	.37	.37	.37	.36	.36	.35	.35	.35	.35	.35	.35	.36													
1977	.35	.35	.35	.36	.36	.40	.40	.41	.41	.42	.42	<u>1/</u>	.38													

1/ Discontinued reporting as of July 1978.

Compiled from reports of Bureau of Labor Statistics, Department of Labor.

Table 10.--Rice, rough: Monthly prices received by farmers, United States, 1972-78

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Season average												
	- - - Dollars per cwt. - - -												<u>1/</u>												
- - - Dollars per cwt. - - -																									
1972	5.34	6.37	7.05	7.42	7.64	7.84	8.14	8.26	8.51	8.56	8.74	10.80	6.73												
1973	10.90	13.30	14.80	16.70	15.50	15.80	16.90	17.20	15.90	17.20	17.50	11.90	13.80												
1974	10.20	10.90	11.30	11.60	10.90	10.80	11.30	11.10	11.00	11.10	11.20	10.00	11.20												
1975	9.83	9.19	8.87	8.59	8.51	7.95	7.54	6.17	7.15	7.06	6.82	7.45	8.35												
1976	6.65	6.56	6.48	6.46	6.57	6.79	6.87	6.81	6.95	7.30	7.24	6.87	7.02												
1977	8.02	8.12	9.13	10.20	11.00	10.70	11.30	10.70	10.80	10.10	9.58	9.49	9.43												
1978	8.44	<u>2/</u> 7.57																							

1/ U.S. season average prices include an allowance for unredeemed loans and purchases by the Government, valued at the average loan rate, by States. Monthly prices do not include this allowance. California is excluded in the monthly averages but is included in the U.S. season average. 2/ Preliminary.

Table 11.--Prices: Arkansas brewers rice and New York brewers corn grits, August-July, 1975-78

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Simple average													
	- - - Dollars per cwt. - - -																									
- - - Dollars per cwt. - - -																										
Arkansas																										
1975/76	7.10	7.40	7.50	6.60	6.20	6.25	5.75	5.80	5.80	5.85	5.85	5.75	6.30													
1976/77	5.75	5.75	5.75	5.75	5.65	5.40	5.10	5.10	5.60	6.00	6.00	5.50	5.60													
1977/78	5.50	5.50	5.50	5.50	6.50	6.90	8.00	9.55	9.10	9.00	9.00	8.70	7.40													
1978/79	7.40																									
New York																										
1975/76	9.88	9.77	8.77	8.28	8.17	7.94	8.04	8.46	8.76	8.95	9.14	9.20	8.78													
1976/77	8.97	8.91	8.28	7.62	7.80	7.80	7.92	8.05	8.02	7.72	7.59	7.11	7.98													
1977/78	7.06	6.80	6.99	7.18	7.27	7.16	7.32	7.39	7.94	8.13	8.38	8.00	7.47													
1978/79	7.63																									

Source: Rice Market News and Milling and Baking News.

Table 12.--Rice, milled U.S. No. 2 f.o.b. mills: Average price of Texas and Arkansas head rice at milling centers, by months, 1973-78

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
-- - - Dollars per cwt. bagged - - -													
Houston, Texas, Long Grain													
1973	20.20	28.80	32.20	34.50	33.85	33.10	34.25	33.25	33.40	33.25	32.60	31.50	31.75
1974	22.50	21.00	20.90	22.40	21.75	22.50	22.40	22.25	22.25	22.25	22.25	22.25	22.05
1975	21.40	20.50	19.25	19.25	19.25	18.30	18.00	17.10	17.00	17.00	16.60	16.40	18.35
1976	15.50	14.50	14.75	14.80	14.10	13.85	13.90	14.00	15.45	16.25	16.25	14.95	
1977	16.05	16.50	18.30	22.60	24.15	25.00	25.00	24.10	23.25	22.10	21.75	21.50	21.70
1978 1/	19.00												
Houston, Texas, Medium Grain 2/													
1973	16.80	23.30	26.10	30.25	30.20	29.10	29.50	29.00	28.60	28.50	28.50	27.40	
1974	22.00	20.20	18.75	20.05	20.00	20.25	19.75	19.50	19.50	19.50	19.50	19.50	19.90
1975	19.75	19.80	18.25	18.25	18.25	17.55	16.60	16.30	16.00	16.00	15.50	15.50	17.35
1976	14.60	14.10	14.00	14.00	13.10	13.00	13.00	13.00	14.50	15.50	15.25	15.25	14.10
1977	14.95	3/N.Q.	17.05	21.30	23.35	23.50	23.50	22.75	21.60	20.80	19.75	19.50	20.75
1978 1/	17.65												
Arkansas, Long Grain													
1973	19.75	25.60	30.10	33.00	33.00	33.60	34.50	34.25	34.00	32.50	30.60	29.00	30.80
1974	25.90	22.40	21.90	23.00	23.00	22.75	22.10	22.50	21.55	21.25	21.25	21.25	22.40
1975	20.90	20.05	19.50	18.50	18.25	18.00	17.70	17.10	16.50	16.50	17.00	16.75	18.10
1976	16.00	15.25	15.20	15.20	14.50	14.00	14.00	14.25	15.45	16.75	16.75	16.50	15.30
1977	16.15	15.95	19.00	23.10	25.00	25.00	25.00	23.50	23.50	23.15	23.15	23.15	21.80
1978 1/	19.55												
Arkansas, Medium Grain 2/													
1973	16.20	19.50	25.00	28.50	28.50	28.70	29.00	29.50	30.00	29.00	28.75	27.50	26.70
1974	25.40	20.80	20.75	21.50	21.40	21.00	21.00	20.45	20.45	20.45	20.00	20.00	21.15
1975	20.00	19.20	18.45	17.50	17.00	17.00	16.70	16.10	15.75	16.00	16.00	15.75	17.10
1976	15.10	14.25	14.20	14.20	13.40	13.25	13.25	13.40	14.40	15.40	15.75	15.75	14.40
1977	15.30	15.20	17.75	21.95	23.50	23.50	23.50	22.50	22.25	21.70	20.40	19.50	20.55
1978 1/	18.95												

1/ Preliminary. 2/'' Mostly Nato. 3/ No quote.

Rice Market News, Agricultural Marketing Service, California.

Table 13.—Rice, milled U.S. f.o.b. mills: Average price of Louisiana and California head rice at milling centers, by months, 1973-78

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Average
Southwest Louisiana, Long Grain 1/													
1973	20.20	24.90	28.35	33.00	33.50	33.50	33.50	33.50	33.50	33.50	30.00	28.10	30.40
1974	26.67	20.10	20.19	21.00	22.00	21.50	21.50	21.50	21.50	20.00	20.90	21.50	21.55
1975	20.55	18.30	18.00	17.60	17.40	16.50	15.50	15.30	16.60	16.50	16.25	17.20	
1976	14.70	13.85	14.00	13.75	13.60	13.25	13.50	13.95	15.65	16.45	16.25	16.25	14.60
1977	15.95	16.20	17.75	22.10	24.15	24.00	23.75	23.50	22.00	21.50	20.40	20.40	21.30
1978	2/ 18.75												
Southwest Louisiana, Medium Grain 1/													
1973	17.10	19.60	22.65	29.50	29.85	30.00	30.00	30.00	30.00	30.00	25.00	23.00	26.40
1974	22.00	18.60	19.10	20.00	20.70	20.65	20.75	20.50	20.50	19.00	19.30	19.50	20.05
1975	18.90	16.80	16.75	17.00	16.70	15.60	14.75	13.50	13.95	15.50	15.50	15.25	15.85
1976	13.70	12.85	13.00	12.30	11.90	11.25	11.70	12.20	14.10	15.60	15.50	15.25	13.30
1977	14.60	14.95	16.30	20.75	21.85	21.50	21.50	21.00	20.50	19.00	18.75	18.50	19.10
1978	2/ 16.90												
California, Medium Grain 3/													
1973	13.00	16.75	18.50	24.00	27.50	27.50	27.50	29.50	29.50	29.50	29.50	29.50	25.20
1974	29.50	28.20	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.25	26.70
1975	26.25	26.25	24.25	24.25	24.25	23.50	22.70	19.65	18.70	19.00	19.00	19.00	22.05
1976	16.80	16.80	16.60	16.60	16.60	16.60	16.60	16.60	16.60	17.00	17.30	17.40	16.80
1977	17.40	17.40	18.10	20.55	23.00	23.60	23.60	23.60	23.60	23.60	23.60	23.60	21.80
1978	2/ 21.50												
California, Short Grain 3/													
1973	13.00	16.75	18.50	22.25	26.00	26.00	28.00	28.00	28.00	28.00	28.00	28.00	24.20
1974	28.00	26.80	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.40
1975	25.00	25.00	23.00	23.00	23.00	22.25	21.40	17.85	17.15	17.50	17.50	17.50	20.65
1976	15.15	15.15	14.85	14.75	14.75	14.75	14.75	14.75	14.95	15.50	16.05	16.05	15.15
1977	16.25	16.25	16.65	19.20	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	20.35
1978	2/ 20.25												

1/ U.S. No. 2--brokens not to exceed 4 percent. 2/ Preliminary. 3/ U.S. No. 1.

Rice Market News, Agricultural Marketing Service, California.

Table 14.--Rice: World trade, production and stocks for 1975/76,  
1976/77, 1977/78, and projected levels for 1978/79 1/

Country or region	Calendar years				1979 estimate as of August 15
	1976	1977	1978		
	- - - - Million metric tons - - -				
<u>Exports</u>					
Australia	0.2	0.3	0.3		0.3
Burma	0.6	0.6	0.4		0.4
Italy	0.4	0.3	0.2		0.2
Pakistan	0.9	0.8	0.8		0.9
PRC	0.9	0.7	1.1		1.0
Thailand	1.9	2.9	1.5		1.8
All others	1.4	2.0	2.6		1.6
Total non-U.S.	6.4	7.6	6.9		6.3
USA	2.0	2.3	2.2		2.1
World total	8.4	9.8	9.1		8.4
<u>Imports</u>					
Bangladesh	0.3	0.5	0.3		0.3
EC-9	0.9	0.9	0.8		0.8
Hong Kong	0.3	0.4	0.4		0.3
Indonesia	1.3	2.0	2.5		1.8
Iran	0.3	0.4	0.5		0.6
Korea, Rep. of	0.2	0.1	0.0		0.0
Malaysia, West	0.1	0.2	0.5		0.5
Philippines	0.1	0.0	0.0		0.0
Singapore	0.2	0.2	0.1		0.2
Sri Lanka	0.4	0.5	0.3		0.2
All others	4.3	4.6	3.7		3.7
World total	8.4	9.8	9.1		8.4
<u>Production</u> <u>2/</u>					
Bangladesh	19.2	17.6	19.6		20.5
Burma	9.2	9.3	8.8		8.8
India	73.2	64.2	78.8		80.3
Indonesia	22.3	23.3	22.8		24.6
Japan	16.5	14.7	16.4		13.5
Korea, Rep. of	6.5	7.2	8.3		8.4
Pakistan	3.9	4.1	4.4		4.3
PRC	126.5	125.5	126.5		130.0
Thailand	15.2	15.8	15.0		15.5
Subtotal	292.5	281.9	300.6		305.9
EC-9	1.0	0.9	0.7		0.8
Australia	0.4	0.5	0.5		0.5
Argentina	0.3	0.3	0.3		0.3
Brazil	8.5	8.0	7.5		8.5
All others	52.0	52.0	52.2		51.0
Total non-U.S.	354.7	343.7	361.8		367.0
USA	5.8	5.2	4.5		6.2
World total	360.6	348.9	366.3		373.2
<u>Ending Stocks</u> <u>3/</u>					
Total foreign	16.3	15.7	20.2		16.5
USA	1.2	1.3	0.9		1.7
World total	17.5	17.0	21.1		18.2

1/ Production is on rough basis; trade and stocks are listed as milled. 2/ The world rice harvest stretches over 6-8 months. Thus, 1978/79 production represents the crop harvested in late 1978 and early 1979 in the Northern Hemisphere and the crop harvested in early 1979 in the Southern Hemisphere. 3/ Stocks data are based on an aggregate of different local marketing years and should not be construed as representing world stock levels at a fixed point in time. Stocks data are not available for all countries and exclude those such as Burma and the People's Republic of China.

Table 15.--Rice, milled: U.S. exports by destination  
August-July, 1972/73 - 1977/78 1/

Destination	1972/73	1973/74	1974/75	1975/76	1976/77	1977/78
<u>1,000 metric tons</u>						
<u>Western Hemisphere</u>						
Bahamas	5	9	5	5	5	5
Canada	65	81	61	79	78	78
Honduras	2/	1	11	1	2/	2
Other	57	112	18	40	70	38
Total	127	203	95	125	153	123
<u>Western Europe</u>						
EC-9	169	161	129	248	206	156
Sweden	5	10	6	6	10	8
Switzerland	12	14	13	16	40	30
Other	5	25	3	57	80	18
Total	191	210	151	327	336	212
<u>Eastern Europe</u>						
Poland	---	17	20	9	---	---
Other	---	---	---	---	---	---
Total	---	17	20	9	---	---
<u>USSR</u>						
---	---	10	63	55	43	
<u>Asia</u>						
Bangladesh	4	2/	295	249	23	83
India	2/	---	2/	86	10	7
Indonesia	173	60	42	42	412	477
Iran	34	42	451	163	458	344
Iraq	---	9	110	81	37	90
Japan	2/	23	19	11	1	2
Khmer, Rep. (Cambodia)	71	205	175	---	---	---
Korea, Rep. of	471	121	499	200	84	2/
Pakistan	2/	2/	4	2/	2/	2/
Saudi Arabia	57	94	72	132	72	170
Vietnam, South	360	301	---	---	---	---
Other	122	114	106	34	57	39
Total	1,292	969	1,773	998	1,154	1,212
<u>Africa</u>						
Guinea	1	1	17	12	13	24
Liberia	29	28	23	26	52	42
South Africa, Rep. of	83	86	65	96	97	69
Tanzania	---	---	31	---	18	20
Other	57	80	17	83	200	395
Total	170	195	153	217	380	550
<u>Oceania</u>						
Trust Terr. Pac. Is.	4	9	2	2	4	6
Other	4	5	2	3	30	3
Total	8	14	4	5	34	9
World total	1,788	1,608	2,206	1,744	2,112	2,149

1/ Includes all milled rice exports plus brown rice and rough rice exports on a milled equivalent basis.

2/ Less than 500 metric tons.

Source: Foreign Agricultural Service and Rice Market News.

Table 16.--Rice: Export prices at Thailand by months, white f.o.b.  
Bangkok; 1973-78 1/

Crop year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Simple average															
													Dollars per metric ton															
100% 1st grade																												
100% 2nd grade																												
5% brokens																												
1973	---	---	528	478	455	422	429	421	425	412	412	422	549	608														
1974	551	544	385	359	345	316	278	275	270	270	270	266	362	450														
1975	382	391	300	290	287	284	291	284	289	292	292	289	317	317														
1976	270	295	306	321	352	368	402	425	440	438	432	414	300	289														
1977	306	306	306	321	352	368	402	425	440	438	432	414	376	376														
1978 2/	396																											
1973	---	---	468	445	412	412	419	411	415	402	402	408	534	594														
1974	529	514	370	344	330	296	261	260	260	260	260	254	347	438														
1975	368	376	280	285	275	275	272	270	275	273	273	280	256	303														
1976	259	280	290	291	307	338	352	388	410	423	423	418	285	275														
1977	290	290	290	291	307	338	352	388	410	423	423	418	399	361														
1978 2/	381																											

1/ Milled rice, includes export premium, export tax and cost of bags. Packed in bags of 100 kgs. net.

2/ Preliminary.

Table 17.--Rice, rough: Acreage, yield and production in specified countries, average 1971-75, annual 1976 and 1977 1/

CONTINENT AND COUNTRY	2/AREA		3/1971	AVE.1971-75		YIELD	3/1977	AVE.1971-75		PRODUCTION		3/1977
	AVE.1971-75	1976		THOUSAND	THOUSAND	MET TONS	MET TONS	MET TONS	THOUSAND	THOUSAND	THOUSAND	
	THOUSAND	HA	THOUSAND	HA	PER HA	PER HA	PER HA	MT	MT	MT	MT	
<b>NORTH AMERICA</b>												
COSTA RICA	56	80	70	2,04	1.48	2,13	114	150	14.9			
CUBA	194	220	220	2,31	2.45	2,68	449	538	53.9			
DOMINICAN REPUBLIC	68	114	112	3,22	2.53	2.44	219	288	27.3			
EL SALVADOR	13	14	13	3,67	2.53	2.60	47	35	3.4			
GUATEMALA	22	18	35	2,78	1.18	1.72	62	23	2.6			
HAITI	76	75	76	1,10	.73	1.38	83	65	6.5			
HONDURAS	13	16	24	1,95	1.59	1.28	23	25	2.6			
JAMAICA AND OEP	1	1	1	1,00	1.00	1.00	1	1	1			
MEXICO	175	145	149	2,78	2.30	2.34	486	450	45.0			
NICARAGUA	30	27	25	3.00	2.22	2.05	89	60	6.0			
PANAMA	107	97	105	1,47	1.49	1.77	157	145	14.6			
TRINIDAD+TOBAGO	6	8	8	2,08	2.75	3.04	13	22	2.6			
UNITED STATES	903	1,004	910	5,07	5.23	4.95	4,579	5,246	54.501			
TOTAL	1,663	1,820	1,728	3,80	3.93	3.71	6,323	7,154	6,404			
<b>SOUTH AMERICA</b>												
ARGENTINA	84	61	95	3,65	3.52	3.26	306	320	30.9			
BOLIVIA	50	73	63	1,79	1.59	1.59	82	127	10.0			
BRAZIL	5,056	5,400	5,100	1,37	1.48	1.44	6,950	8,000	7,491			
CHILE	22	36	33	3,10	3.33	3.17	66	120	10.5			
COLOMBIA	309	346	325	4,06	4.23	3.99	1,255	1,359	1,297			
ECUADOR	94	125	95	2,41	2.32	2.58	227	290	24.5			
GUYANA	102	97	141	2,03	1.62	2.31	206	150	32.6			
PARAGUAY	21	28	38	2,14	2.04	1.97	45	57	1.5			
PERU	123	129	125	4,04	4.49	4.76	501	575	59.6			
SURINAM	43	48	50	3,57	3.57	3.98	152	171	14.9			
URUGUAY	42	57	58	3,98	4.00	3.98	166	220	23.1			
VENEZUELA	104	93	148	2,37	2.98	3.43	248	271	50.8			
TOTAL	6,050	6,543	6,371	1,66	1.82	1.80	10,206	11,876	11,481			
<b>EUROPE</b>												
FRANCE	16	8	10	3,37	3.50	1.69	55	28	1.8			
ITALY	182	182	186	5,21	4.90	3.86	949	907	73.9			
TOTAL EC	198	190	196	5,05	4.92	3.75	1,003	935	73.5			
GREECE	17	19	19	5,13	4.43	4.93	89	86	9.4			
PORTUGAL	37	22	36	4,04	4.05	3.30	151	89	11.2			
SPAIN	61	64	67	6,05	6.36	5.67	368	406	38.0			
TOTAL WESTERN EUROPE	314	295	316	5,13	5.13	4.18	1,611	1,515	1,321			
BULGARIA	15	18	18	3,84	3.87	3.87	63	70	7.0			
HUNGARY	27	27	27	2,36	1.19	1.09	64	32	9.1			
ROMANIA	25	21	28	2,29	1.76	1.75	56	37	3.9			
YUGOSLAVIA	8	8	8	6,10	6.00	6.75	32	48	3.8			
TOTAL EASTERN EUROPE	76	74	81	2,84	2.52	2.56	215	187	20.8			
TOTAL EUROPE	390	369	397	4,65	4.63	3.85	1,826	1,701	1,528			
<b>U.S.S.R. (EUROPE AND ASIA)</b>	454	524	546	3,86	3.82	4.06	1,753	2,000	2,247			
<b>AFRICA</b>												
ALGERIA	1	1	1	2,00	2.00	2.00	3	2	1			
ANGOLA	21	20	20	1,22	1.23	25	25	36				
CHAD	52	50	50	1,70	1.60	37	40	40				
Egypt	460	442	484	5,27	5.46	5,20	2,426	2,427	2,512			
GAMBIA	35	40	45	1,52	1.29	1.22	53	51	5.1			
GHANA	68	81	88	1,05	1.46	1.01	72	115	11.1			
GUINEA	516	710	710	1,74	1.59	1.58	300	601	44.1			
GUINEA-BISSAU	36	38	38	1.95	1.92	1.93	33	35	3.5			
IVORY COAST	325	364	425	1,18	1.11	1.11	34	42	4.0			
LIBERIA	184	200	200	1,03	1.03	1.25	193	245	24.5			
MALAGASY REPUBLIC	1,012	1,050	1,050	1,82	1,82	1,82	1,837	1,750	1,650			
MALI	150	152	150	1.35	1.15	1.20	175	175	17.5			
MOROCCO	6	5	6	1.45	1.37	1.07	66	66	6.6			
MOZAMBIQUE	73	65	65	1.83	1.83	2,63	513	609	60.9			
NIGERIA	201	310	313	1.83	1.84	1.80	88	113	6.2			
SENEGAL	75	81	81	1.17	1.10	1.00	88	113	11.2			
SIERRA LEONE	361	390	390	1,40	1.49	1.54	506	560	51.1			
TANZANIA	164	280	265	1.57	1.56	1.54	250	430	44.0			
UPPER VOLTA	37	61	42	1.92	1.92	1.95	34	40	4.0			
ZAIRE	291	27	321	1.50	1.72	1.65	107	107	10.7			
TOTAL	4,143	4,593	4,719	2.76	2.54	2.53	7,784	7,742	7,742			
<b>ASIA</b>												
AFGHANISTAN	264	210	210	1,92	2.18	2,19	396	437	45.0			
BANGLADESH	9,171	9,842	10,035	1,72	1.79	1.94	16,810	17,644	19,612			
BURMA	4,655	4,944	5,927	1,73	1.87	2.75	8,364	9,312	8,774			
CAMBODIA	1,102	1,400	1,400	1,32	1.29	1.16	1,451	1,800	1,600			
CHINA-PEOPLES REP	34,300	35,900	36,000	3,50	3,80	3,51	120,200	125,500	126,500			
CHINA-REP OF (TAIWAN)	781	786	774	4,20	4,53	4,47	3,199	3,560	3,475			
HONG KONG	3	2	2	2,04	2,00	2,00	7	6	6			
INDIA	38,019	36,606	40,000	1,70	1,66	1,97	64,469	64,245	78,829			
INDONESIA	8,326	8,369	8,200	2,54	2,78	2,78	21,169	23,301	22,794			
IRAN	300	320	325	3,53	3,99	3,23	1,058	1,276	1,051			
IRAQ	66	54	66	2,60	3,02	3,02	172	163	19.9			
JAPAN	2,684	2,777	2,757	5,01	5,30	5,94	15,96	14,715	16,335			
KOREA NORTH	705	756	750	1,17	1.13	1.13	3,933	3,933	3,938			
KOREA REP	1,917	1,219	1,230	4,94	5,82	5,76	5,912	7,243	6,340			
LAOS	472	455	453	1,29	1.23	1.18	865	810	7.1			
MALAYSIA (PENINSULAR)	575	558	563	2,92	3,03	3,06	1,678	1,748	1,722			
NEPAL	1,225	1,245	1,266	1,99	1,89	1,81	2,433	2,386	2,282			
PAKISTAN	1,553	1,744	1,815	2,20	2,35	2,40	3,573	4,110	4,30.0			
PHILIPPINES	3,339	3,548	3,509	1,63	1,02	1,96	5,493	6,458	6,895			
SABAH	43	53	54	2,41	2.36	2.26	110	120	12.2			
SARAWAK	138	125	116	1,24	1.32	1.32	147	152	15.3			
SAUDI ARABIA	1	1	1	3,00	3,00	3,04	3	3	3			
SRI LANKA (CEYLON)	642	500	740	2,11	2,51	2,31	1,355	1,253	1,707			
TAIWAN	1	1	1	4,00	2,00	2,00	2	2	2			
THAILAND	7,805	8,500	8,600	1,99	1,86	1,86	14,003	15,800	15,000			
TURKEY	58	54	54	4,00	4,50	4,36	233	243	24.2			
VIETNAM, SOC. REP.	3,324	5,300	5,310	2,12	2,22	2,22	7,057	4/11,782	4/11,206			
Vietnam, SD <sup>a</sup>	1,633	1,630	1,630	2,35	-	-	3,806	-	-			
TOTAL	123,2	127,5	129,552	2,45	2,60	2,60	302,429	338,026	336,487			
<b>OCEANIA</b>												
AUSTRALIA	61	92	90	5,81	5,77	5,33	3,54	530	480			
TOTAL	61	92	90	5,81	5,76	5,33	354	530	480			
<b>WORLD TOTAL</b>	136,065	141,512	143,404	2,63	2,47	2,55	330,174	348,998	366,259			

<sup>1/</sup> The world rice harvest stretches over 6-8 months. Thus, 1976 production represents the crop harvested in late 1976 and early 1977 in the Northern Hemisphere, with estimates for the crop to be harvested in early 1977 in the Southern Hemisphere. <sup>2/</sup> Harvested area as far as possible. <sup>3/</sup> Preliminary.

<sup>a/</sup> Production has been combined for North and South Vietnam.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Agricultural Attachés and other foreign source materials.

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L I S T O F T A B L E S  
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